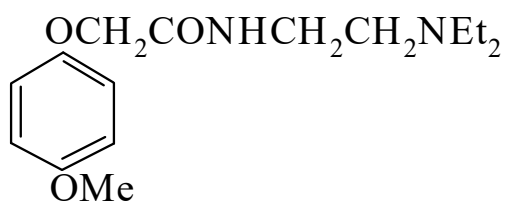




>>Entry Name: Mefexamide, INN, USAN

Synonym(s): *N*-[2-(Diethylamino)ethyl]-2-(4-methoxyphenoxy)acetamide, 9Cl. Mefexadyne. Mexephenamide. Perneuron. **Peroxinorm**‡. Timodyne. ANP 297



CAS Registry Number: 1227-61-8

Molecular Formula: C₁₅H₂₄N₂O₃

Molecular Weight: 280.366

Accurate Mass: 280.178693

Percentage Composition: C 64.26%; H 8.63%; N 9.99%; O 17.12%

Use/Importance: Central stimulant. Antidepressant

Calculated Log P Data: Log P 2.43 (calc)

Sigma: M8402

>>Derivative: Hydrochloride

Melting Point: Mp 112°

References:

Thuillier, G. *et al.*, *Bull. Soc. Chim. Fr.*, 1960, 1786, (*synth*)

Thuillier, J., *Arzneim.-Forsch.*, 1964, **14**, 556, (*pharmacol*)

Cassebaum, H. *et al.*, *J. Prakt. Chem.*, 1973, **315**, 1057, (*synth*)

Forist, A.A. *et al.*, *Res. Commun. Chem. Pathol. Pharmacol.*, 1974, **8**, 385, (*metab*)

Gielsdorf, W. *et al.*, *Z. Rechtsmed.*, 1981, **87**, 117; 297, (*metab, pharmacokinet, anal*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 12922

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